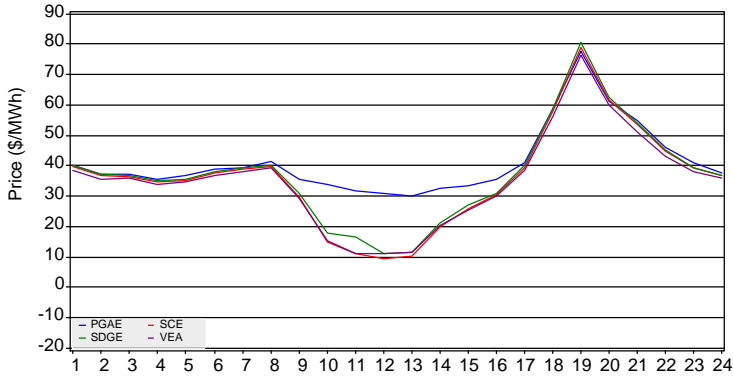


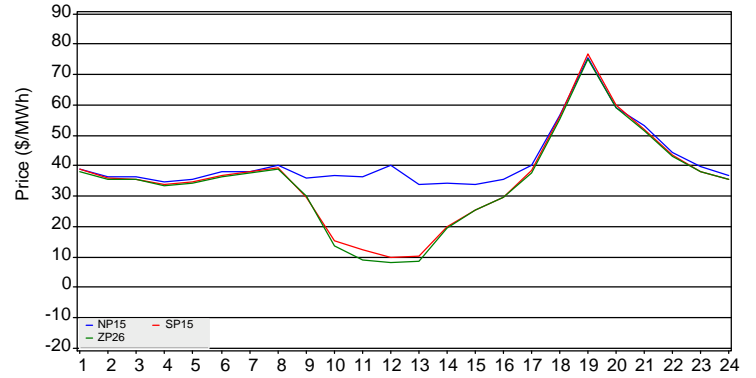
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(Note: An explanation of all metrics is available in the Day-Ahead Daily Market Watch Metric Catalog at <http://www.caiso.com/Documents/Day-AheadDailyMarketWatchMetricCatalog.pdf>)

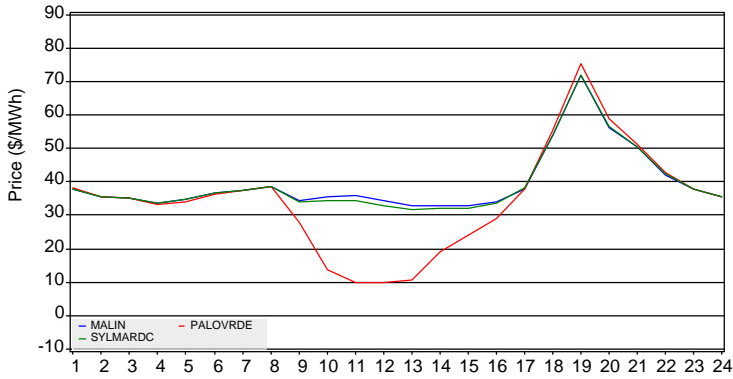
**IFM Default LAP LMPs**



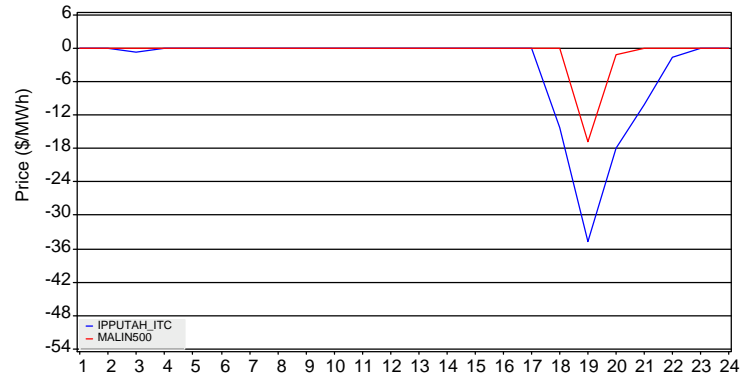
**IFM Trading Hub LMPs**



**Selected IFM Tie Point LMPs**



**Selected IFM Intertie Shadow Prices**



**IFM LMP Statistics for On-Peak and Off-Peak Hours (\$/MWh)**

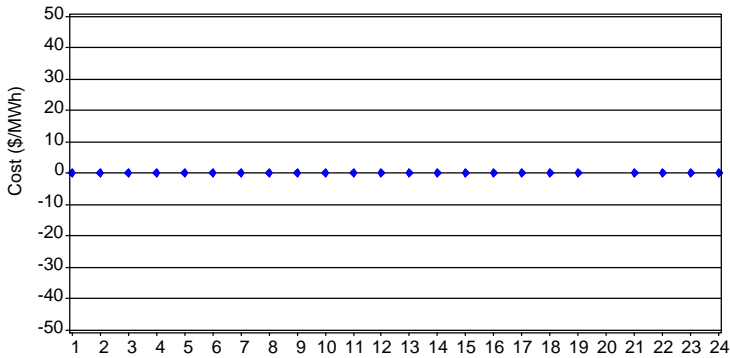
	NP15			SP15			ZP26			PG&E			SCE			SDGE			VEA		
	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min
<b>OFF</b>	75.36	41.29	33.81	76.63	35.28	9.76	75.26	34.60	8.13	77.80	41.22	30.00	78.91	35.99	9.62	80.53	36.99	10.99	76.24	35.27	10.97

**Selected IFM Intertie Congestion Rents**

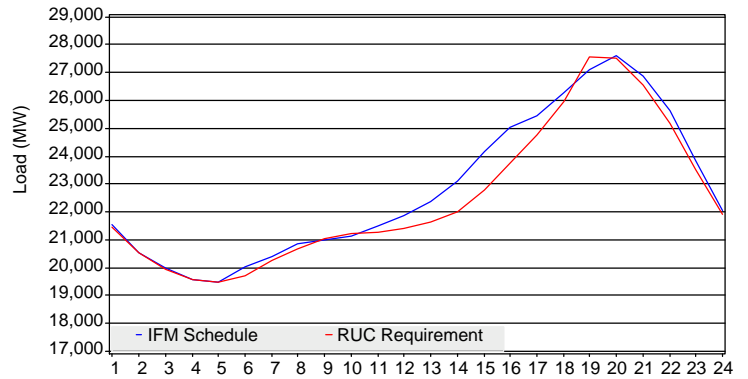
Inter-Tie	Import Rent	Export Rent	Total Rent	Total Rent Percent
MALIN500	\$32,452.60	\$0.00	\$32,452.60	70.58%
IPPUTAH_ITC	\$13,529.83	\$0.00	\$13,529.83	29.42%

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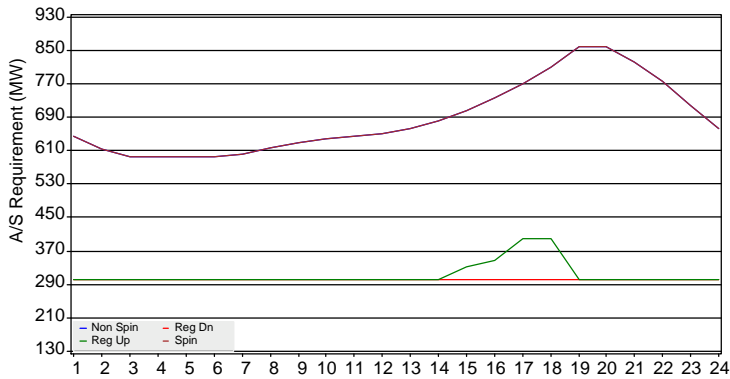
### RUC Cost to Underscheduled Load



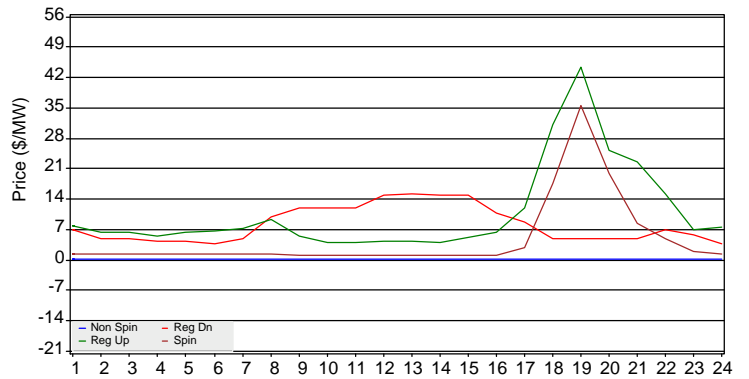
### IFM Cleared Quantity and RUC Requirement



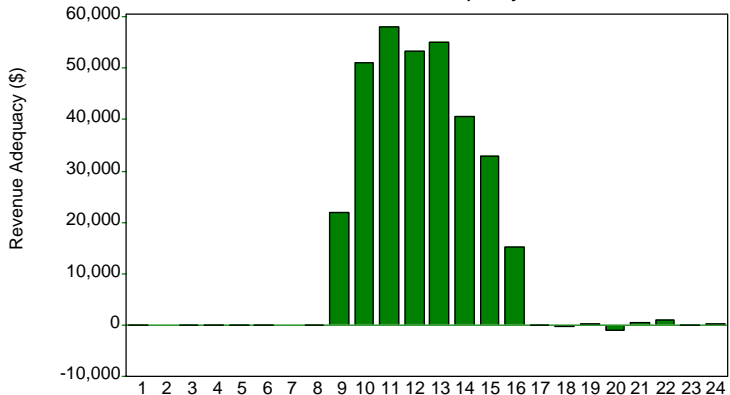
### A/S System Requirement



### A/S Average Price



### CRR Revenue Adequacy



### CRR Statistics

	28OCT2018	Cumulative
CONGESTION RENT	\$459,832.40	\$18,364,471.53
CRR PAYMENT	\$131,471.88	\$14,230,806.79
PERFECT HEDGE	.	\$663,022.27
CLAW BACK	.	\$129,281.57
CRR ADEQUACY	\$328,360.53	\$3,599,924.05
ADEQUACY RATIO	349.76%	123.30%
AUCTION REVENUES	.	\$6,269,681.67
BALANCE ACCOUNT	.	\$9,869,605.72

\*The cumulative cost of perfect hedge is between 01OCT2018 and 25OCT2018

\*The cumulative cost of claw back is between 01OCT2018 and 25OCT2018